BT WELD EX-1 TORCH FUME EXTRACTION UNIT

2 YEAR LIMITED WARRANTY

Designed to significantly reduce exposure to harmful welding fumes directly at the source. Specialized extraction system that efficiently draws in fumes directly from the torch head, minimizing exposure to harmful pollutants, providing a safer and healthier welding environment.

FEATURES

- Easy Connect with Fume Extraction MIG Torches
- 240V, 10A Plug
- 200±10m³/h air volume
- 1.2 kw motor power
- Digital Display
- Air Volume Adjustment
- Replaceable Cartridge
- 360° Swivel Casters



STANDARD INCLUSIONS

- EX-1 Torch Fume Extraction
- Tube
- Clamp
- Spanner



DIRECT FUME CAPTURE FROM TORCH HEAD







Cartridge
P/N: 681011

SPECIFICATIONS

FILTER	
Filter Material	PET
Fiterable Fume Size	0.3 µm
Filterability	99.90%
Filter Cartridge	Ø 230 x 176 mm
Filter Area	6 m²
Control System	Delixi
TECHNICAL DATA	
Aspirating Volume	200+10m³/h
Motor Power	1.2 kW
Power Supply	240V/50Hz
Blower Loading Pressure	26000 Pa
Dust Outlet Diameter	50 mm
Air Compression	0.5~0.6 Mpa
Noise dB	≤70±5 dB (A)
Fume Removal Method	Manual
Fume Cartridge Volume	5L
Dimensions	600 x 285 x 527 mm
Weight	24 kg
Part Number	**681010**



Torch & Inverter Welder
Sold Separately

24 STYLE FUME EXTRACTION MIG TORCH

Designed for use in conjunction with EX-1 Torch Fume Extraction. This torch effectively removes welding fumes at the source, directly through the torch nozzle, minimizing exposure to harmful particulate and gases.

FEATURES

- **Absorb Fume from Nozzle**
- **LED Light**
- **Gun Handle Option**
- **Euro Connector**
- **Length: 4m**





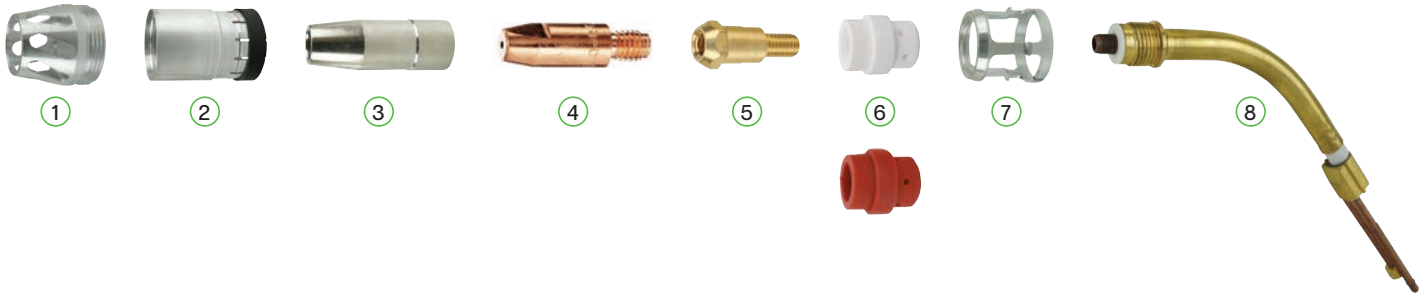
SPECIFICATIONS

Current	250 Amps
Duty Cycle @ 40°C	60% @ 250Amp CO2 60% @ 220Amp MIX
Cooling	Air
Wire Size	0.8 – 1.2mm
Part Number	**92.FE.24.4**

24 STYLE FUME EXTRACTION MIG TORCH SPARES

	TYPE	PART NUMBER
1	BT Fume Extraction Nozzle for MIG Torch 250A	**92.02.24.FE**
2	BT Fume Extraction Nozzle Holder for MIG Torch 250A	**92.03.24.FE**
3	BT Fume Extraction Shield Nozzle for MIG Torch 250A	**92.07.24.FE**
4	**Binzel M6 Style Contact Tip (Pkt 10)**	
	0.6mm Standard (6mm dia x 25mm long)	**92.01.15.06**
	0.8mm Standard (6mm dia x 25mm long)	**92.01.15.08**
	0.9mm Standard (6mm dia x 25mm long)	**92.01.15.09**
	1.0mm Standard (6mm dia x 25mm long)	**92.01.15.10**
	1.2mm Standard (6mm dia x 25mm long)	**92.01.15.12**
	0.6mm HD (8mm dia x 28mm long)	**92.01.25.06**
	0.8mm HD (8mm dia x 28mm long)	**92.01.25.08**
	0.9mm HD (8mm dia x 28mm long)	**92.01.25.09**
	1.0mm HD (8mm dia x 28mm long)	**92.01.25.10**
	1.2mm HD (8mm dia x 28mm long)	**92.01.25.12**
	1.4mm HD (8mm dia x 28mm long)	**92.01.25.14**
	1.6mm HD (8mm dia x 28mm long)	**92.01.25.16**
	0.9mm Aluminium (8mm dia x 28mm long)	**92.01.M6A09**
	1.0mm Aluminium (8mm dia x 28mm long)	**92.01.M6A10**
	1.2mm Aluminium (8mm dia x 28mm long)	**92.01.M6A12**
5	BZ24 Tip Holder M6 (Pkt 2)	**92.05.24.M6**
6	BZ24 Gas Diffuser - Ceramic (Pkt 2)	**92.05.24**
	BZ24 Gas Diffuser Red Heat Resistant Rubber (Pkt 2)	**92.05.24R**
7	BT Fume Extraction Tube Fixture for MIG Torch 250A	**92.03.24.FEN**
8	BT Fume Extraction Swan Neck for MIG Torch 250A	**92.06.24.FE**





BT WELD EX-1 TORCH FUME EXTRACTION UNIT

2 YEAR LIMITED WARRANTY

Designed to significantly reduce exposure to harmful welding fumes directly at the source. Specialized extraction system that efficiently draws in fumes directly from the torch head, minimising exposure to harmful pollutants, providing a safer and healthier welding environment.

FEATURES

- Easy Connect with Fume Extraction MIG Torches
- 240V, 10A Plug
- 200±10m³/h air volume
- 1.2 kw motor power
- Digital Display
- Air Volume Adjustment
- Replaceable Cartridge
- 360° Swivel Casters



STANDARD INCLUSIONS

- EX-1 Torch Fume Extraction
- Tube
- Clamp
- Spanner



DIRECT FUME CAPTURE FROM TORCH HEAD







Cartridge
P/N: 681011

SPECIFICATIONS

FILTER	
Filter Material	PET
Fiterable Fume Size	0.3 µm
Filterability	99.90%
Filter Cartridge	Ø 230 x 176 mm
Filter Area	6 m²
Control System	Delixi
TECHNICAL DATA	
Aspirating Volume	200+10m³/h
Motor Power	1.2 kW
Power Supply	240V/50Hz
Blower Loading Pressure	26000 Pa
Dust Outlet Diameter	50 mm
Air Compression	0.5~0.6 Mpa
Noise dB	≤70±5 dB (A)
Fume Removal Method	Manual
Fume Cartridge Volume	5L
Dimensions	600 x 285 x 527 mm
Weight	24 kg
Part Number	**681010**



Torch & Inverter Welder
Sold Separately

36 STYLE FUME EXTRACTION MIG TORCH

Designed for use in conjunction with EX-1 Torch Fume Extraction. This torch effectively removes welding fumes at the source, directly through the torch nozzle, minimising exposure to harmful particulate and gases.

FEATURES

- **Absorb Fume from Nozzle**
- **LED Light**
- **Gun Handle Option**
- **Euro Connector**
- **Length: 4m**



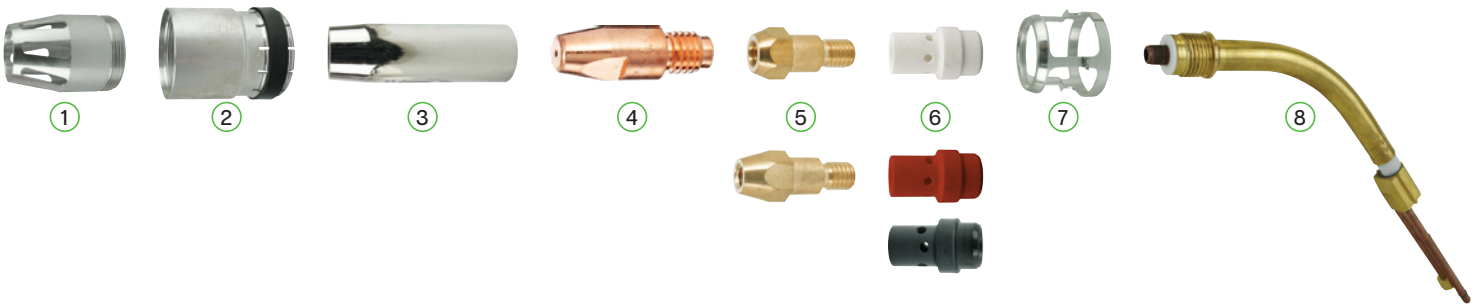
SPECIFICATIONS

Current	340 Amps
Duty Cycle @ 40°C	60% @ 340Amp CO2 60% @ 300Amp MIX
Cooling	Air
Wire Size	0.8 – 1.6mm
Part Number - 4mt - 5mt	**92.FE.36.4** **92.FE.36.5**

36 STYLE FUME EXTRACTION MIG TORCH SPARES

	TYPE	PART NUMBER
1	BT Fume Extraction Nozzle for MIG Torch 340A & 500A	**92.02.36.501.FE**
2	BT Fume Extraction Nozzle Holder for MIG Torch 340A & 500A	**92.03.36.501.FE**
3	BT Fume Extraction Shield Nozzle for MIG Torch 340A	**92.07.36.FE**
4	**Binzel M6 & M8 Style Contact Tip (Pkt 10)**	
	0.6mm M6 HD (8mm dia x 28mm long)	**92.01.25.06**
	0.8mm M6 HD (8mm dia x 28mm long)	**92.01.25.08**
	0.9mm M6 HD (8mm dia x 28mm long)	**92.01.25.09**
	1.0mm M6 HD (8mm dia x 28mm long)	**92.01.25.10**
	1.2mm M6 HD (8mm dia x 28mm long)	**92.01.25.12**
	1.4mm M6 HD (8mm dia x 28mm long)	**92.01.25.14**
	1.6mm M6 HD (8mm dia x 28mm long)	**92.01.25.16**
	0.9mm M6 Aluminium (8mm dia x 28mm long)	**92.01.M6A09**
	1.0mm M6 Aluminium (8mm dia x 28mm long)	**92.01.M6A10**
	1.2mm M6 Aluminium (8mm dia x 28mm long)	**92.01.M6A12**
	0.8mm M8 HD (10mm dia x 30mm long)	**92.01.M83008**
	0.9mm M8 HD (10mm dia x 30mm long)	**92.01.M83009**
	1.0mm M8 HD (10mm dia x 30mm long)	**92.01.M83010**
	1.2mm M8 HD (10mm dia x 30mm long)	**92.01.M83012**
	1.4mm M8 HD (10mm dia x 30mm long)	**92.01.M83014**
	1.6mm M8 HD (10mm dia x 30mm long)	**92.01.M83016**
5	**Binzel Style BZ36 Tip Holder M6 & M8 (Pkt 2)**	
	M6 Long (32mm)	**92.03.36.M6L**
	M6 Short (28mm)	**92.03.36.M6S**
	M8 Long (32mm)	**92.03.36.M8L**
	M8 Short (28mm)	**92.03.36.M8S**
6	Binzel 36 Style White Gas Diffuser (Pkt 2)	**92.05.36**
	Binzel 36 Style Gas Diffuser Red Heat Resistant Rubber (Pkt 2)	**92.05.36R**
	Binzel Style Gas Diffuser Bakelite Suits 36KD Torch	**92.05.36B**
7	BT Fume Extraction Tube Fixture for MIG Torch 340A & 500A	**92.03.36.501.FEN**
8	BT Fume Extraction Swan Neck for MIG Torch 340A	**92.06.36.FE**





BZ15 BINZEL STYLE TORCH

BZ15 TORCH	
Current	180 Amps
Duty Cycle @ 40°C	60% @ 180Amp CO2 60% @ 150Amp MIX
Cooling	Air
Wire Size	0.6mm > 1.0mm





BZ15 TORCH SPARES PACK

P/N: 92.15FEK

- 1 x BZ15 conical nozzle
- 1 x BZ15 tip holder
- 3 x 0.8mm M6 contact tips
- 3 x 0.9mm M6 contact tips

	Part No.	Description
	92.ER.15.3	Binzel Style BZ15 Complete MIG Torch Ergon 3Mt
	92.ER.15.4	Binzel Style BZ15 Complete MIG Torch Ergon 4Mt
1	92.02.15.10	ø 10mm Adjustable Tapered Nozzle
2	92.02.15.CO	ø 12mm Adjustable Conical Nozzle
3	92.02.15.CL	ø 19mm Adjustable Cylindrical Nozzle
4	92.01.15.06	Contact Tip 0.6mm x M6 x 6mm dia x 25mm long
	92.01.15.08	Contact Tip 0.8mm x M6 x 6mm dia x 25mm long
	92.01.15.09	Contact Tip 0.9mm x M6 x 6mm dia x 25mm long
	92.01.15.10	Contact Tip 1.0mm x M6 x 6mm dia x 25mm long
5	92.01.25.06	Contact Tip Heavy Duty 0.6mm x M6 x 8mm dia x 25mm long
	92.01.25.08	Contact Tip Heavy Duty 0.8mm x M6 x 8mm dia x 25mm long
	92.01.25.09	Contact Tip Heavy Duty 0.9mm x M6 x 8mm dia x 25mm long
	92.01.25.10	Contact Tip Heavy Duty 1.0mm x M6 x 8mm dia x 25mm long
6	92.01.M6A09	Contact Tip 0.9mm x M6 Aluminium x 8mm dia x 28mm long
	92.01.M6A10	Contact Tip 1.0mm x M6 Aluminium x 8mm dia x 28mm long
7	92.05.15	Tip holder with spring l/hand
8	92.03.15.01	Spring for tip holder
9	92.03.15	Insulator nut for conductor tube
10	92.06.15	Adjustable swan neck with diffuser and spring
11	92.09.HANDLE	Ergonomic handle with screws
12	92.09.BWT	Trigger
13	92.04.B3	Blue Steel Liner 0.6—0.8mm 3Mt
	92.04.B4	Blue Steel Liner 0.6—0.8mm 4Mt
	92.04.B5	Blue Steel Liner 0.6—0.8mm 5Mt
14	92.04.R3	Red Steel Liner 0.9—1.2mm 3Mt
	92.04.R4	Red Steel Liner 0.9—1.2mm 4Mt
	92.04.R5	Red Steel Liner 0.9—1.2mm 5Mt
15	92.04.Y3	Yellow Steel Liner 1.2—1.6mm 3Mt
	92.04.Y4	Yellow Steel Liner 1.2—1.6mm 4Mt
	92.04.Y5	Yellow Steel Liner 1.2—1.6mm 5Mt
16	92.04.BT3	Blue Teflon Liner 0.6—0.9mm 3Mt
	92.04.BT4	Blue Teflon Liner 0.6—0.9mm 4Mt
17	92.04.RT3	Red Teflon Liner 0.9—1.2mm 3Mt
	92.04.RT4	Red Teflon Liner 0.9—1.2mm 4Mt
	92.04.RT5	Red Teflon Liner 0.9—1.2mm 5Mt
18	92.04.YT3	Yellow Teflon Liner 1.2—1.6mm 3Mt
	92.04.YT4	Yellow Teflon Liner 1.2—1.6mm 4Mt
19	92.04.U5	Universal Liner 0.9—1.2mm 4Mt
20	92.04.BNL12	Brass Swan Neck Liner 1.2mm 250mm
	92.04.BNL16	Brass Swan Neck Liner 1.6mm 250mm



BZ24 BINZEL STYLE TORCH

BZ24 TORCH	
Current	250 Amps
Duty Cycle @ 40°C	60% @ 250Amp CO2 60% @ 220Amp MIX
Cooling	Air
Wire Size	0.6mm > 1.2mm





BZ24 TORCH SPARES PACK

P/N: 92.24FEK

1 x BZ24 conical nozzle
1 x BZ24 M6 tip holder
1 x BZ24 gas diffuser
3 x 0.9mm M6 contact tips, 3x HD
3 x 1.2mm M6 contact tips, 3x HD

	Part No.	Description
	92.ER.24.3	Binzel Style BZ24 Complete MIG Torch Ergon 3Mt
	92.ER.24.4	Binzel Style BZ24 Complete MIG Torch Ergon 4Mt
	92.ER.24.5	Binzel Style BZ24 Complete MIG Torch Ergon 5Mt
1	92.02.24.10	ø 10mm Adjustable Tapered Nozzle
2	92.02.24.CO	ø 12.5mm Adjustable Conical Nozzle
3	92.02.24.CL	ø 17mm Adjustable Cylindrical Nozzle
4	92.01.15.06	Contact Tip 0.6mm x M6 x 6mm dia x 25mm long
	92.01.15.08	Contact Tip 0.8mm x M6 x 6mm dia x 25mm long
	92.01.15.09	Contact Tip 0.9mm x M6 x 6mm dia x 25mm long
	92.01.15.10	Contact Tip 1.0mm x M6 x 6mm dia x 25mm long
5	92.01.25.06	Contact Tip Heavy Duty 0.6mm x M6 x 8mm dia x 25mm long
	92.01.25.08	Contact Tip Heavy Duty 0.8mm x M6 x 8mm dia x 25mm long
	92.01.25.09	Contact Tip Heavy Duty 0.9mm x M6 x 8mm dia x 25mm long
	92.01.25.10	Contact Tip Heavy Duty 1.0mm x M6 x 8mm dia x 25mm long
	92.01.25.12	Contact Tip Heavy Duty 1.2mm x M6 x 8mm dia x 25mm long
	92.01.25.14	Contact Tip Heavy Duty 1.4mm x M6 x 8mm dia x 25mm long
	92.01.25.16	Contact Tip Heavy Duty 1.6mm x M6 x 8mm dia x 25mm long
6	92.01.M6A09	Contact Tip 0.9mm x M6 Aluminium x 8mm dia x 28mm long
	92.01.M6A10	Contact Tip 1.0mm x M6 Aluminium x 8mm dia x 28mm long
	92.01.M6A12	Contact Tip 1.2mm x M6 Aluminium x 8mm dia x 28mm long
7	92.05.24R	Gas Diffuser - Red Rubber
8	92.05.24	Gas Diffuser - Ceramic
9	92.05.24.M6	Tip Holder M6
10	92.06.24	Swan Neck
11	92.09.HANDLE	Ergonomic handle with screws
12	92.09.BWT	Trigger
13	92.04.B3	Blue Steel Liner 0.6—0.8mm 3Mt
	92.04.B4	Blue Steel Liner 0.6—0.8mm 4Mt
	92.04.B5	Blue Steel Liner 0.6—0.8mm 5Mt
14	92.04.R3	Red Steel Liner 0.9—1.2mm 3Mt
	92.04.R4	Red Steel Liner 0.9—1.2mm 4Mt
	92.04.R5	Red Steel Liner 0.9—1.2mm 5Mt
15	92.04.Y3	Yellow Steel Liner 1.2—1.6mm 3Mt
	92.04.Y4	Yellow Steel Liner 1.2—1.6mm 4Mt
	92.04.Y5	Yellow Steel Liner 1.2—1.6mm 5Mt
16	92.04.BT3	Blue Teflon Liner 0.6—0.9mm 3Mt
	92.04.BT4	Blue Teflon Liner 0.6—0.9mm 4Mt
17	92.04.RT3	Red Teflon Liner 0.9—1.2mm 3Mt
	92.04.RT4	Red Teflon Liner 0.9—1.2mm 4Mt
	92.04.RT5	Red Teflon Liner 0.9—1.2mm 5Mt
18	92.04.YT3	Yellow Teflon Liner 1.2—1.6mm 3Mt
	92.04.YT4	Yellow Teflon Liner 1.2—1.6mm 4Mt
19	92.04.U5	Universal Liner 0.9—1.2mm 4Mt
20	92.04.BNL12	Brass Swan Neck Liner 1.2mm 250mm
	92.04.BNL16	Brass Swan Neck Liner 1.6mm 250mm



BZ36 BINZEL STYLE TORCH

BZ36 TORCH	
Current	340 Amps
Duty Cycle @ 40°C	60% @ 340Amp CO2 60% @ 300Amp MIX
Cooling	Air
Wire Size	0.8mm > 1.6mm



	Part No.	Description
	92.ER.36.3	Binzel Style BZ36 Complete MIG Torch Ergon 3Mt
	92.ER.36.4	Binzel Style BZ36 Complete MIG Torch Ergon 4Mt
	92.ER.36.5	Binzel Style BZ36 Complete MIG Torch Ergon 5Mt
1	92.02.36.12	ø 12mm Adjustable Tapered Nozzle
2	92.02.36.CO	ø 16mm Adjustable Conical Nozzle
3	92.02.36.CL	ø 20mm Adjustable Cylindrical Nozzle
4	92.01.25.06	Contact Tip Heavy Duty 0.6mm x M6 x 8mm dia x 28mm long
	92.01.25.08	Contact Tip Heavy Duty 0.8mm x M6 x 8mm dia x 28mm long
	92.01.25.09	Contact Tip Heavy Duty 0.9mm x M6 x 8mm dia x 28mm long
	92.01.25.10	Contact Tip Heavy Duty 1.0mm x M6 x 8mm dia x 28mm long
	92.01.25.12	Contact Tip Heavy Duty 1.2mm x M6 x 8mm dia x 28mm long
	92.01.25.14	Contact Tip Heavy Duty 1.4mm x M6 x 8mm dia x 28mm long
	92.01.25.16	Contact Tip Heavy Duty 1.6mm x M6 x 8mm dia x 28mm long
5	92.01.M6A09	Contact Tip 0.9mm x M6 Aluminium x 8mm dia x 28mm long
	92.01.M6A10	Contact Tip 1.0mm x M6 Aluminium x 8mm dia x 28mm long
	92.01.M6A12	Contact Tip 1.2mm x M6 Aluminium x 8mm dia x 28mm long
6	92.01.M83008	Contact Tip 0.8mm x M8 x 10mm dia x 30mm long
	92.01.M83009	Contact Tip 0.9mm x M8 x 10mm dia x 30mm long
	92.01.M83010	Contact Tip 1.0mm x M8 x 10mm dia x 30mm long
	92.01.M83012	Contact Tip 1.2mm x M8 x 10mm dia x 30mm long
	92.01.M83014	Contact Tip 1.4mm x M8 x 10mm dia x 30mm long
	92.01.M83016	Contact Tip 1.6mm x M8 x 10mm dia x 30mm long
7	92.03.36.M6S	Tip Holder M6 Short 28mm
	92.03.36.M8S	Tip Holder M8 Short 28mm
8	92.03.36.M6L	Tip Holder M6 Long 32mm
	92.03.36.M8L	Tip Holder M8 Long 32mm
9	92.05.36	Gas Diffuser White
10	92.06.36	Swan Neck
11	92.09.HANDLE	Ergonomic handle with screws
12	92.09.BWT	Trigger
13	92.04.B3	Blue Steel Liner 0.6—0.8mm 3Mt
	92.04.B4	Blue Steel Liner 0.6—0.8mm 4Mt
	92.04.B5	Blue Steel Liner 0.6—0.8mm 5Mt
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	92.04.Y4	Yellow Steel Liner 1.2—1.6mm 4Mt
	92.04.Y5	Yellow Steel Liner 1.2—1.6mm 5Mt
16	92.04.BT3	Blue Teflon Liner 0.6—0.9mm 3Mt
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	92.04.RT4	Red Teflon Liner 0.9—1.2mm 4Mt
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	92.04.YT4	Yellow Teflon Liner 1.2—1.6mm 4Mt
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